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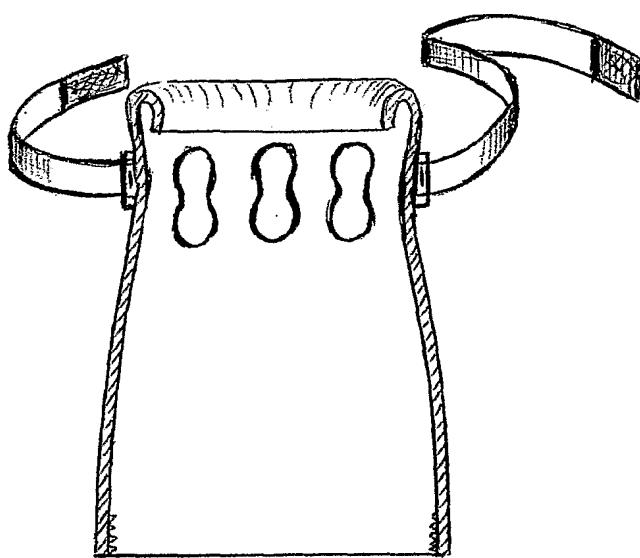
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(54) Title: PERSONAL URINAL



(57) Abstract: A urinal device which has a groin shape urine collection bag, manufactured from impervious material which may be plastic. Preferably urine enters the groin bag through the upper edge, higher than the point of exist. A sheath appendage, or in the case of a female, a specially designed elliptical bowl receives urine or other body waste from the body assisted by a battery operated pump. The groin bag may be reusable or disposable, and conveniently emptied via the detachable self closing outlet. A liquid detector comprising two or more perforated steel mesh plates, preferably stainless steel may be provided with optional warning device. The urinal device may also be used as a gravity fed system with a conventional leg bag or freestanding container.



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